

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2009 Levee Inspection Results**

**Reclamation District No. 2063**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2009 Levee Inspection Results**

**Reclamation District No. 2063**

Waterway		Bank	Unit Miles
Unit No. 01 San Joaquin River		Right	10.60

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/21/2009 - 4/21/2009			
DWR Inspector	Richard Willoughby			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

## Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2009**

**Reclamation District No. 2063**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.60	04/21/2009 04/21/2009	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.01	10.63	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.478750 ° -121.044720 °	37.390477 ° -120.941249 °		967
2	0.01	10.63	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.478750 ° -121.044720 °	37.390478 ° -120.941248 °		968
3	0.59	0.60	Earthen Levee	Encroachments	WS	M	Material Inspector Comments: concrete rubble with rebar ,rebar should be removed.	37.470788 ° -121.043670 °	37.470677 ° -121.043508 °	Y	3
4	1.19	1.19	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.465688 ° -121.034907 °	37.465688 ° -121.034907 °		969
5	1.33	1.33	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.464643 ° -121.032930 °	37.464643 ° -121.032930 °		970
6	1.39	1.39	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.463875 ° -121.032355 °	37.463875 ° -121.032355 °		971
7	1.89	1.89	Earthen Levee	Encroachments	LS	M	Garbage Inspector Comments: Garbage should be removed landward toe.	37.457160 ° -121.033743 °	37.457160 ° -121.033743 °	Y	5
8	1.92	1.92	Interior Drainage & Piping Systems	Sluice / Slide Gates	WS	U	Inspector Comments: Screw gate buried, not able to operate.	37.456745 ° -121.033795 °	37.456745 ° -121.033795 °	Y	6
9	2.09	2.09	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.454593 ° -121.032530 °	37.454593 ° -121.032530 °		972
10	2.66	2.66	Interior Drainage & Piping Systems	Flap Gates	WS	M		37.448247 ° -121.026508 °	37.448247 ° -121.026508 °	Y	8
11	2.72	2.72	Boat Survey	Boat Survey Erosion	WS	M	Inspector Comments: Sinkhole; 7'x7'x2' Not able to verify sink hole	37.447450 ° -121.026090 °	° °		966
12	3.56	3.56	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.438504 ° -121.019079 °	37.438504 ° -121.019079 °		973
13	3.96	4.14	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.434410 ° -121.014293 °	37.432092 ° -121.012970 °		30
14	4.04	4.10	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Keep the crown roadway free of vegetation.	37.433415 ° -121.013568 °	37.432490 ° -121.013277 °		31

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected  
C : Corrected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2009**

**Reclamation District No. 2063**

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River					Right	10.60	04/21/2009 04/21/2009	Richard Willoughby	

  

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
15	4.10	4.10	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.432470 ° -121.013368 °	37.432470 ° -121.013368 °		14
16	4.11	4.11	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.432392 ° -121.013322 °	37.432392 ° -121.013322 °		15
17	5.13	5.13	Earthen Levee	Encroachments	LS	U	Pipe Inspector Comments: Landowner modify pipe structure and cut into landside slope without permission from CVFPB. See field investigation report for more detail.	37.427210 ° -120.999288 °	37.477210 ° -120.992880 °	Y	50
18	5.85	5.89	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Keep the crown roadway free of vegetation.	37.418915 ° -120.998178 °	37.418412 ° -120.997808 °		36
19	6.03	6.19	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.416498 ° -120.997435 °	37.415155 ° -120.99809 °		38
20	6.04	6.08	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.416308 ° -120.997531 °	37.415877 ° -120.998125 °		37
21	6.89	6.89	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.411785 ° -120.993548 °	37.411785 ° -120.993548 °		39
22	7.08	7.08	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	37.409112 ° -120.992027 °	37.409112 ° -120.992027 °	Y	40
23	8.71	8.76	Earthen Levee	Encroachments	LS	M	Agricultural tilling	37.396642 ° -120.971443 °	37.396086 ° -120.971029 °		974
24	8.88	9.60	Earthen Levee	Encroachments	LS	M	Agricultural tilling	37.394627 ° -120.969972 °	37.390706 ° -120.959601 °	Y	975
25	10.38	10.62	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	37.390557 ° -120.945715 °	37.390508 ° -120.941290 °		47

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**Levee Inspection Report By Mile - Spring 2009**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.60	04/21/2009 04/21/2009	Richard Willoughby

Levee Mile Report Line	3
Start Levee Mile	0.59
End Levee Mile	0.60
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Concrete rubble with rebar from LM 0.59 to 0.60	



Levee Mile Report Line	7
Start Levee Mile	1.89
End Levee Mile	1.89
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Concrete and tree stumps on landside slope at LM 1.89	



Levee Mile Report Line	8
Start Levee Mile	1.92
End Levee Mile	1.92
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Sluice / Slide Gates
Screw gate buried on landside slope at LM 1.92	

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Levee Mile Report Line	10
Start Levee Mile	2.66
End Levee Mile	2.66
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

Flap gate blocked at LM 2.66



Levee Mile Report Line	10
Start Levee Mile	2.66
End Levee Mile	2.66
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

Front view of blocked flap gate at LM 2.62



Levee Mile Report Line	17
Start Levee Mile	5.13
End Levee Mile	5.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of cut into landside slope



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Levee Mile Report Line	17
Start Levee Mile	5.13
End Levee Mile	5.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of concrete stand pipe and encased pipe on landside toe.



Levee Mile Report Line	22
Start Levee Mile	7.08
End Levee Mile	7.08
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Erosion located on landside slope above irrigation canal. Erosion cause by animal traffic



Levee Mile Report Line	24
Start Levee Mile	8.88
End Levee Mile	9.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Looking from top of levee at erosion on landside toe.



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Levee Mile Report Line	24
Start Levee Mile	8.88
End Levee Mile	9.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Looking west at landside erosion.



Levee Mile Report Line	24
Start Levee Mile	8.88
End Levee Mile	9.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Looking north at erosion along landside toe.



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